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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Richard A. Mathies, et al.

Attorney Docket No.: UCALP020

Application No.: 10/750,533

Examiner: Beisner, William H.

Filed: December 29, 2003

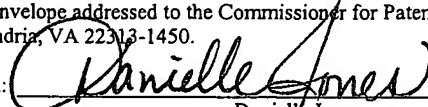
Group: 1744

Title: FLUID CONTROL STRUCTURES IN  
MICROFLUDIC DEVICES

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on January 10, 2008 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed:

  
Danielle Jones

AMENDMENT TRANSMITTAL

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment, Request for Correction of Inventorship and Supplemental Information Disclosure Statement in the above-identified application.

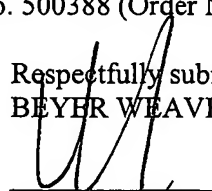
The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	42	MINUS	44	0	x 25 = 0	x 50 =
Independent Claims	6	MINUS	6	0	x 105 = 0	x 210 =
Multiple Dependent Claim Present and Fee Not Previously Paid						
Total					\$0	\$

- ☒ Applicant(s) hereby petitions for a three-month extension(s) of time to respond to the aforementioned Office Action.
- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 500388.
- ☒ Enclosed is our Check No. 14129 in the amount of \$655.00 to cover the extension of time fee, and Request for Correction of Inventorship processing fee. Also enclosed is our Check No. 13999 in the amount of \$180.00 to cover the IDS fee.
- ☐ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 500388 (Order No. UCALP020).

Date: 1/10/08

Respectfully submitted,  
BEYER WEAVER LLP

  
William J. Egan, III

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Danielle Jones

**AMENDMENT**

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Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated July 12, 2007, please amend the above-identified patent application as follows:

**Amendments to Claims** begin on page 2 of this paper.

**Summary of Claims** begin on page 8 of this paper.

**Remarks** begin on page 9 of this paper.